

REMARKS/ARGUMENTS

By this preliminary amendment, Applicant amends the specification, claims, and drawings. The specification is amended to include Sequence No. identifiers and paragraph numbers. For the sake of clarity, Applicant has introduced these amendments by way of providing a substitute specification. Both a clean copy and a marked up version of the specification are provided.

The drawings have also been amended to include Sequence No. identifiers.

Claims 5-7, 11, 14, 15, 17, 19, 21, 23, 25, 27-36, 38-42, 49-53 are amended to remove improper multiple dependencies. Claims 15-26 have been amended to show the Sequence ID No. indication. Claims 1-54 are pending in the application.

No new matter is introduced by the amendments. Applicant respectfully requests entry of this preliminary amendment prior to examination on the merits.

Respectfully submitted,

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Amendments to the Drawings:

The attached sheet of drawings includes changes to Figs. 1-9. This sheet, which includes Figs. 1-9, replaces the original sheets included Figs. 1-9. In Figs. 1-9, Sequence ID No. identifiers been added.

**Attachment: Replacement Sheet
Annotated Sheet Showing Changes**



Amendment Filed September 22, 2004
U.S. Serial No. 10/089,452
Docket No. 032034-2000
ANNOTED SHEET

1/9

Fig. 1

E V Q L L E Q P G A
GAGGTGCAGCTGCTCGAGCAGCCTGGGGCT 30

E L A K P G A S V K
GAAC TGGCAAAACCTGGGGCCTCAGTGAAG 60

M S C K A S G Y T F
ATGT CCTGCAAGGCTTCTGGCTACACCTTT 90

T N Y W I H W V K Q
ACTAAACTACTGGATTCACTGGGTGAAACAG 120

R P G Q G L K W I G
AGGCCTGGACAGGGCTGAAATGGATTGGA 150

Y I N P A T G S T S
TACATTAATCCTGCCACTGGTCCACTTCT 180

Y N Q D F Q D R A T
TACAATCAGGACTTCAAGGACAGGGCCACT 210

L T A D K S S T T A
TTGACCGCAGACAAGTCCTCCACCAAGGCC 240

Y M Q L T S L T S E
TACATGCAGCTGACCAGCCTGACATCTGAG 270

D S S V Y Y C A R E
GACTCTTCAGTCTATTACTGTGCAAGAGAG 300

G Y D G F D S W G Q
GGGTACGACGGGTTGACTCCCTGGGGCCAA 330

G T T L T V S S
GGCACCACTCTCACAGTCTCCTCA 360

SEQ ID NO. 1

2/9

Fig. 2

E L V L T Q S P A I
GAGCTCGTGCTCACCCAGTCTCCAGCAATC 30
M S A S P G E K V T
ATGTCTGCATCTCCAGGGGAGAAGGTCACC 60
M T C S A S S S V N
ATGACCTGCAGTGCCCAGCTCAAGTGTAAAT 90
Y M Y W Y Q Q K S G
TACATGTACTGGTACCAGCAGCAGAAGTCAGGC 120
T S P K R W I Y D T
ACCTCCCCAAAAGATGGATTATGACACA 150
S K L A S G V P A R
TCCAAATTGGCTTCTGGAGTCCCTGCTCGC 180
F S G S G S G T S Y
TTCAGTGGCAGTGGGTCTGGGACCTCTTAC 210
S L T L S S M E A E
TCTCTCACACTCAGCAGCATGGAGGGCTGAA 240
D A A T Y Y C Q Q W
GATGCCGCCACTTATTACTGCCAGCAGTGG 270
S S N P Y T F G G G
AGTAGTAATCCGTACACGTTCGGAGGGGGG 300
T K L E I K
ACCAAGCTGGAGATAAAA 330

SEQ ID NO. 2

Fig. 3

+1 E V Q L Q Q S G A E
GAGGTT CAGCTGCAGCAGTCTGGGGCAGAG 30

+1 L V K P G A S V K L
CTTGTGAAGCCTGGGGCCTCAGTCAAGTTG 60

+1 S C T S S G F N I K
TCCTGCACATCTTCTGGCTTCAACATTAAA 90

+1 D T Y V H W M K Q R
GACACCTATGTGCACTGGATGAAACAGAGG 120

+1 P E Q G L E W I G K
CCTGAACAGGGCCTGGAGTGGATTGGAAAG 150

+1 I D P A N G K T K Y
ATTGATCCTGCGAATGGTAAA ACTAAATAT 180

+1 D P I F Q A K A T M
GACCCGATATTCCAGGCCAAGGCCACTATG 210

+1 T A D A S S N T A Y
ACAGCAGACGCATCCTCCAATACAGCCTAC 240

+1 L Q L S S L T S E D
CTGCAACTCAGCAGCCTGACTTCTGAGGAC 270

+1 T A V Y Y C A L P I
ACTGCCGTCTATTACTGTGCTCTCCCCATT 300

+1 Y Y A S S W F A Y W
TATTACGCTAGTTCCCTGGTTTGCTTACTGG 330

+1 G Q G T L V T V S A
GGCCAAGGGACTCTGGTCACTGTCTCTGCA 360

SEQ ID NO.3

Fig. 4

+1 D I V M T Q S H K F
 GACATTGTGATGACCCAGTCTCACAAATT C 30

+1 M S T S V G D R V S
 ATGTCCACATCAGTAGGAGACAGGGTCAGC 60

+1 I T C K A S Q D V G
 ATCACCTGCAAGGCCAGTCAGGATGTGGGT 90

+1 T S V A W Y Q Q K P
ACTTCTGTTGCCTGGTATCAACAGAAACCT 120

+1 G H S P K L L I Y W
 GGGCACTCTCCTAAATTACTGATTTACTGG 150

+1 T S T R H T G V P D
ACATCCACCCGGCACACTGGAGTCCCTGAT 180

+1 R F T G S G S G T D
 CGCTTCACAGGCAGTGGATCTGGGACAGAT 210

+1 F I L T I S N V Q S
 TTCATTCTCACCAATTAGCAATGTGCAGTCT 240

+1 E D L A D Y F C Q Q
 GAAGACTTGGCAGATTATTTCTGTCAAGCAA 270

+1 Y S S S P T F G G G
TATAGCAGCTCTCCCACGTTGGAGGGGGG 300

+1 A K V E I K
 GCCAAGGTGGAAATAAAA 330

SEQ ID NO. 4

5/9

+1 D I L L T Q S P A I L S V S P G E
GACATCTTGC TGACTCAGTC TCCAGCCATC CTGCTGTGA GTCCAGGAGA 50
+1 R V S F S C R A S Q S I G T R I H

AAGAGTCAGT TTCTCCCTGCA GGGCCAGTCA GAGCATTGGC ACAAGAATAC 100

+1 W Y Q Q R T N G S P R L L I K Y

ACGGTATCA ACAAGAAC AATGGTTCTC CAAAGGCTTCT CATAAAGTAT 150

+1 G S E S I S G I P S R F S G S G S

GGTCTGAGT CTATCTCTGG GATCCCTTCC AGGTTAGTG GCAGTGGATC 200

+1 G T D F S L S I N S V E S E D I A

AGGGACAGAT TTTAGTCTTA GCATCAACAG TGTGGAGTCT GAAGATATG 250

+1 D Y Y C Q Q S N T W P L T F G A

CAGATTATA CTGTCAACAA AGTAATACCT GGCGGCTCAC GTTGGTGTGCT 300

+1 G T K L E L K

GGGACCAAGC TGGAGCTGAA A

Fig. 5

350

SEQ ID NO. 5

+1 E V Q L L E Q S G A E L V K P G A
GAGGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGC 50
+1 S V K I S C K A S G Y A F S T S W

CTCAGTGAAG ATTCCCTGCA AGGCTTCTGG CTACGCCATT AGTACCTCTCT 100

+1 M N W V K Q R P G K G L E W I G
GGATGAACTG GGTGAACAG AGGCCTGGAA AGGGTCTTGA GTGGATTGGA 150

+1 R I Y P G D G D T N Y N G K F K G
CGGATTATC CTGGAGATGG AGATACTAAC TACAATTGGGA AGTTCAAGGG 200

+1 K A T L T A D K S S S T A Y M Q L
CAAGGCCACA CTGACTGCAG ACAAAATCCTC CAGCACAGCC TACATGCAAC 250

+1 N S L T S E D S A V Y F C V R E
TCAACAGCCT GACATCTGAG GACTCTGGG TCTACTCTG TGTAAAGAGAG 300

+1 D A Y Y S N P Y S L D Y W G Q G T
GATGCCTATT ATAGTAACCC CTATACTTGTG GACTACTGGG GTCAAGGAAC 350

+1 S V T V S S
CTCAGTCACC GTCTCCCTCA

400

SEQ ID NO. 4

7/9

+1 E L Q M T Q S P S S L S A S L G D
GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCTGCAT CCCTTGGAGA 50
+1 T I T I T C H A S Q N I N V W L S

CACAATTACC ATCACTTGC CATGCCAGTCA GAACATTAAT GTTTGGTTAA 100

+1 W Y Q Q K P G D I P K L L I Y K
GCTGGTATCA GCAGAAACCA GGAGATATCC CTAAACTATT GATCTTAAG 150

GCTTCCAACT TGCACACAGG CGTCCCCATCA AGGTTTAGTG GCAGTGGATC 200

+1 A S N L H T G V P S R F S G S G S
TGGAACAGGT TTCACATAG TCATCAGCAG CCTGCAGCCT GAAGACATTG 250
+1 G T G F T L V I S S L Q P E D I A
CCACTTACTA CTGTCAACAG GGTCCGAAGTT ATCCCTCTCAC GTTCGGTGT 300

+1 G T K L E L K

GGGACCAAGC TGGAGCTGAA A

Fig. 7

350

SEQ ID NO. 7

+1 E V A L L E E S G G G L V K P G G
GAGGTGCAGC TGCTCGAGGA GTCTGGGA GGCTTAGTGA AGCCTGGAGG 50
+1 S L Q L S C S A S G F T F S S H F

GTCCCTGCAA CTCTCCTGTT CAGCCTCTGG ATTCACCTTC AGTAGCCATT 100

+1 M S W V R Q T P E K R L E W V A

TCATGTCTG GGTTGCCAA ACTCCAGAGA AGAGGCTGGA GTGGGTCGCA 150

+1 S I S S G G D S F Y P D S L K G R

TCCATAGTA GTGGTGGTGA CAGTTCTAT CCAGACAGTC TGAAAGGGCG 200

+1 F A I S R D N A R N I L F L Q M S

ATTCGCCATC TCCAGAGATA ATGCCAGGAA CATCCTGTC CTGCAAATGA 250

+1 S L R S E D S A M Y F C T R D Y

GCAGTCTGAG GTCTGAGGAC TCGGCCATGT ATTTCCTGTAC AAGAGACTAC 300

+1 S W Y A L D Y W G Q G T S V T V S

TCTTGGTATG CTTGGACTA CTTGGTCAA GGAACCTCAG TCACCGTCTC 350

+1 S

CTCA

400

Fig. 8

SEQ ID NO: 8

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Fig. 9

Eradikationsverlauf von Patient CXT0002

